AMENDMENTS TO THE CLAIMS

1-28. (Canceled)

29. (Withdrawn) A method of manufacturing and shipping an information handling system (IHS) comprising:

a processor;

a memory coupled to the processor; and

a battery bay for receiving a battery assembly therein, the battery assembly providing power to the processor and the memory, the battery assembly including:

a first battery subassembly including a subassembly to subassembly electrical connector and a device power connector for supplying power to the battery powered device, the first battery subassembly including a subassembly to subassembly mechanical connector; and

a second battery subassembly including a subassembly to subassembly electrical connector for electrically connecting to the subassembly to subassembly electrical connector of the first battery subassembly, the second battery subassembly including a subassembly to subassembly mechanical connector for mechanically connecting to the subassembly to subassembly mechanical connector of the first battery subassembly; and

shipping the first and second subassemblies packaged separately in a manner satisfying a regulatory threshold sufficient to avoid increased shipping costs applied when the subassemblies are shipped connected, the regulatory threshold including a battery characteristic such as one of a watt hour rating of the battery and a weight of a chemical element of the battery.

30. (Withdrawn) The IHS of claim 29 wherein the first battery subassembly and the second battery subassembly are electrically and mechanically connecting together to form a completed battery assembly.

31. (Withdrawn) The IHS of claim 29 wherein the first battery subassembly exhibits a energy capacity less than the threshold for triggering higher shipping costs due to regulations.

32. (Withdrawn) The IHS of claim 29 wherein the second battery subassembly exhibits a energy capacity less than the threshold for triggering higher shipping costs due to regulations.

33. (Withdrawn) The IHS of claim 29 wherein the first battery subassembly exhibits a first cell chemistry

34. (Withdrawn) The IHS of claim 33 wherein the second battery subassembly exhibits a second cell chemistry.

35. (Withdrawn) The IHS of claim 34 wherein the first cell chemistry is different from the second cell chemistry.

36. (Withdrawn) The IHS of claim 34 wherein the first cell chemistry is lithium ion chemistry.

37. (Withdrawn) The IHS of claim 34 wherein the second cell chemistry is nickel metal hydride chemistry.

38. (Withdrawn) A method of manufacturing and shipping a battery powered device comprising:

electrical circuitry which requires power to operate; and

a housing in which the electrical circuitry is situated, the housing including a battery bay for receiving a battery assembly therein, the battery assembly including:

a first battery subassembly including a subassembly to subassembly electrical connector and a device power connector for supplying power to the battery powered device, the first battery subassembly including a subassembly to subassembly mechanical connector; and

a second battery subassembly including a subassembly to subassembly electrical connector for electrically connecting to the subassembly to subassembly electrical connector of the first battery subassembly, the second battery subassembly including a subassembly to subassembly mechanical

connector for mechanically connecting to the subassembly to subassembly mechanical connector of the first battery subassembly; and

shipping the first and second subassemblies packaged separately in a manner satisfying a regulatory threshold sufficient to avoid increased shipping costs applied when the subassemblies are shipped connected, the regulatory threshold including a battery characteristic such as one of a watt hour rating of the battery and a weight of a chemical element of the battery.

39. (New) A battery assembly, comprising:

a plurality of battery subassemblies that are operable to be mechanically and electrically connected together to form a battery assembly, the plurality of battery subassemblies designed to be shipped such that an additional shipping fee that would be incurred due to a battery characteristic that is not the total weight of the battery assembly is not incurred, the plurality of battery subassemblies comprising:

a first battery subassembly comprising a first subassembly to subassembly electrical connector, a first subassembly to subassembly mechanical connector, and a device power connector operable to supply power to a battery powered device; and

a second battery subassembly operable to be electrically and mechanically connected to the first battery subassembly, the second battery subassembly comprising a second subassembly to subassembly electrical connector for electrically connecting to the first subassembly to subassembly electrical connector of the first battery subassembly and a second subassembly to subassembly mechanical connector for mechanically connecting to the first subassembly to subassembly mechanical connector of the first battery subassembly.

40. (New) The battery assembly of claim 39, wherein the first battery subassembly comprises a first cell chemistry and the second battery subassembly comprises a second cell chemistry, wherein the first cell chemistry is different from the second cell chemistry.

41. (New) The battery assembly of claim 39, wherein the battery characteristic that is not the total weight of the battery assembly comprises a watt-hour rating of the battery assembly.

42. (New) The battery assembly of claim 39, wherein the battery characteristic that is not the total weight of the battery assembly comprises a chemical mass in the battery assembly.

43. (New) The battery assembly of claim 42, wherein the chemical mass in the battery assembly comprises a lithium ion chemical mass.

44. (New) The battery assembly of claim 42, wherein the chemical mass in the battery assembly comprises a nickel metal hydride chemical mass.

45. (New) A battery powered device, comprising:

a chassis;

a battery bay defined by the chassis; and

a battery assembly located in the battery bay and operable to provide power to the battery powered device, the battery assembly comprising a plurality of battery subassemblies that are operable to be mechanically and electrically connected together to form the battery assembly, wherein the battery subassemblies are designed to be shipped such that an additional shipping fee that would be incurred due to a chemical mass in the battery assembly is not incurred, the plurality of battery subassemblies comprising:

a first battery subassembly comprising a first subassembly to subassembly electrical connector, a first subassembly to subassembly mechanical connector, and a device power connector operable to supply power to the battery powered device; and

a second battery subassembly electrically and mechanically connected to the first battery subassembly, the second battery subassembly comprising a second subassembly to subassembly electrical connector electrically connected to the first subassembly to subassembly electrical connector of the first battery subassembly and a second subassembly to subassembly mechanical connector

mechanically connected to the first subassembly to subassembly mechanical connector of the first battery subassembly.

46. (New) The battery powered device of claim 45, wherein the first battery subassembly exhibits a first cell chemistry and the second battery subassembly exhibits a second cell chemistry, wherein the first cell chemistry is different from the second cell chemistry.

47. (New) The battery powered device of claim 45, wherein the chemical mass in the battery assembly comprises a lithium ion chemical mass.

48. (New) The battery powered device of claim 45, wherein the chemical mass in the battery assembly comprises a nickel metal hydride chemical mass.

49. (New) The battery powered device of claim 45, wherein the battery powered device comprises an information handling system (IHS).

50. (New) The battery powered device of claim 49, whereby the IHS further comprises:
a processor located in the chassis; and
a memory located in the chassis and coupled to the processor.

51. (New) A battery powered device, comprising:
a chassis;
a battery bay defined by the chassis; and
a battery assembly located in the battery bay and operable to provide power to the battery powered device, the battery assembly comprising a plurality of battery subassemblies that are operable to be mechanically and electrically connected together to form the battery assembly, wherein the battery subassemblies are designed to be shipped such that an additional shipping fee that would be incurred due to a watt-hour rating of the battery assembly is not incurred, the plurality of battery subassemblies comprising:
a first battery subassembly comprising a first subassembly to subassembly electrical connector, a first subassembly to subassembly

mechanical connector, and a device power connector to supply power to the battery powered device; and

a second battery subassembly electrically and mechanically connected to the first battery subassembly, the second battery subassembly comprising a second subassembly to subassembly electrical connector electrically connected to the first subassembly to subassembly electrical connector of the first battery subassembly and a second subassembly to subassembly mechanical connector mechanically connected to the first subassembly to subassembly mechanical connector of the first battery subassembly.

52. (New) The battery powered device of claim 51, wherein the first battery subassembly exhibits a first cell chemistry and the second battery subassembly exhibits a second cell chemistry, wherein the first cell chemistry is different from the second cell chemistry.

53. (New) The battery powered device of claim 51, wherein the battery powered device comprises an information handling system (IHS).

54. (New) The battery powered device of claim 53, whereby the IHS further comprises:
a processor located in the chassis; and
a memory located in the chassis and coupled to the processor.